

Notice of Allowability**Application No.**

09/594_054

Examiner

QUOC A. TRAN

Applicant(s)

KAPLAN ET AL.

Art Unit

2177

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to BPAI Decision on Appeal "REVERSED" dated 11/02/2011 & Telephone Interview 1/4/2012.
2. ☐ An election was made by the applicant in response to a restriction requirement set forth during the interview on _____; the restriction requirement and election have been incorporated into this action.
3. ☒ The allowed claim(s) is/are 1-12, 39, 13-38 and 40-46 (renumbering as 1-46 respectively).
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some* c) ☐ None of the:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO/SB/08),
Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application
6. ☒ Interview Summary (PTO-413),
Paper No./Mail Date 01/04/2012.
7. ☒ Examiner's Amendment/Comment
8. ☐ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____.

/Amelia Rutledge/
Primary Examiner, Art Unit 2177

/QUOC A TRAN/
Examiner, Art Unit 2177

DETAILED ACTION

In response to BPAI Decision- "REVERSED" dated 11/02/2011 and telephone interviewed on 01/04/2012, the examiner's amendments were authorized by attorney of record Brian J. Gustafson.

- Claims 1-46 are pending.
- ***Claims 22-30 and 40 are currently amended.***
- Claims 1-21, 31-39 and 41-46 were previously presented and/or original.

Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

EXAMINER'S AMENDMENT

The application has been amended as follows:

In the Claims:

- Please replace the claims with the following claim set:

1. (Previously Presented) A method comprising:

receiving a first user input on a client device bookmarking a remote destination displayed on the client device;

in response to the first user input, storing a link to the destination and a link to a remote bookmark media object associated with the destination on the client device;

receiving a second user input on the client device requesting a display of a bookmark window;

in response to the second user input, displaying a bookmark window, retrieving the remote associated bookmark media object, including in the displayed bookmark window a bookmark for the destination and the retrieved remote associated bookmark media object, the retrieved remote associated bookmark media object providing a representation of the destination;

receiving a third user input on the client device selecting the remote associated bookmark media object displayed in the bookmark window; and

in response to the third user input, accessing the destination.

2. (Previously Presented) The method of claim 1 further comprising storing on the client device a set of references to a plurality of bookmark media objects in response to a user input bookmarking each corresponding remote destination.
3. (Previously Presented) The method of claim 1, wherein accessing the network destination comprises retrieving a web page corresponding to the selected bookmark media object.
4. (Previously Presented) The method of claim 1, wherein accessing the network destination comprises retrieving a three-dimensional environment corresponding to the selected bookmark media object.
5. (Previously Presented) The method of claim 1, wherein presenting the bookmark media object comprises retrieving the bookmark media objects from one or more hosts.
6. (Previously Presented) The method of claim 1 wherein presenting the bookmark media object comprises displaying at least one thumbnail.
7. (Previously Presented) The method of claim 1, wherein presenting the bookmark media object comprises displaying a matrix of bookmark media objects.
8. (Original) The method of claim 1 wherein presenting the bookmark media object comprises displaying a stream of video.

9. (Previously Presented) The method of claim 1 wherein displaying the bookmark media object comprises outputting audible sounds.
10. (Previously Presented) The method of claim 1 and further including:
determining a status of the bookmark media object; and
presenting a default bookmark media object when the status indicates the corresponding bookmark media object is not available.
11. (Previously Presented) The method of claim 1, wherein the bookmark media object represents a current state of the corresponding network destination.
12. (Previously Presented) The method of claim 1, wherein the bookmark media object represents an entry point into three-dimensional content defined by the web pages.

13. (Previously Presented) A method comprising:
- generating a set of bookmark media objects, each bookmark media object corresponding to a network destination within a computing environment, each bookmark media object providing a representation of the corresponding network destination;
 - storing the bookmark media objects on one or more servers within the computing environment;
 - updating each bookmark media object as a function of a state of the corresponding network destination; and
 - in response to a request received from the client device, providing one or more bookmark media objects to a remote client device, the client device having a location external to the computing environment.
14. (Previously Presented) The method of claim 13, wherein updating each bookmark media object comprises updating each bookmark media object as a function of a current state of the corresponding network destination.
15. (Previously Presented) The method of claim 13, wherein updating each bookmark media object comprises updating each bookmark media object as a function of the information received from a remote user.

16. (Previously Presented) The method of claim 13, wherein the set of bookmark media objects is generated by a server within the computing environment, and further wherein updating each bookmark media object comprises updating each bookmark media object as a function of host-determined conditions.

17. (Previously Presented) The method of claim 13, wherein updating each bookmark media object comprises updating each bookmark media object when content of the corresponding network destination is changed.

18. (Previously Presented) The method of claim 13, wherein generating the set of bookmark media objects includes generating a thumbnail for a first bookmark media object in the set.

19. (Previously Presented) (Previously Presented) The method of claim 13, wherein generating the set of bookmark media objects includes generating a video stream for a first bookmark media object in the set.

20. (Previously Presented) The method of claim 13, wherein generating the set of bookmark media objects includes generating an audio stream for a first bookmark media object in the set.

21. (Original) The method of claim 13 further comprising communicating the bookmark media objects to a client device for display to a user.

22. (**Currently Amended**) A non-transitory computer-readable medium having instructions stored thereon to cause a programmable processor to:

receive a first user input on a client device bookmarking a remote destination displayed on the client device;

in response to the first user input, store a link to the destination and a link to a remote bookmark media object associated with the destination on the client device;

receive a second user input on the client device requesting a display of a bookmark window;

in response to the second user input, display a bookmark window, retrieving the remote associated bookmark media object, including in the displayed bookmark window a bookmark for the destination and the retrieved remote associated bookmark media object, the retrieved remote associated bookmark media object providing a representation of the destination;

receive a third user input on the client device selecting the remote associated bookmark media object displayed in the bookmark window; and

in response to the third user input, access the destination.

23. (**Currently Amended**) The non-transitory computer-readable medium of claim 22, wherein the instructions cause the programmable processor to store on the client device a set of references to a plurality of bookmark media objects in response to a user input bookmarking each corresponding remote destination.

24. (**Currently Amended**) The non-transitory computer-readable medium of claim 22, wherein the instructions cause the programmable processor to retrieve a web page corresponding to the selected bookmark media object.
25. (**Currently Amended**) The non-transitory computer-readable medium of claim 22, wherein the instructions cause the programmable processor to retrieve a three-dimensional environment corresponding to the selected bookmark media object.
26. (**Currently Amended**) The non-transitory computer-readable medium of claim 22, wherein the instructions cause the programmable processor to present the bookmark media object by displaying at least one thumbnail.
27. (**Currently Amended**) The non-transitory computer-readable medium of claim 22, wherein the instructions cause the programmable processor to present the bookmark media object by displaying a stream of video.
28. (**Currently Amended**) The non-transitory computer-readable medium of claim 22, wherein the instructions cause the programmable processor to output audible sounds in response to at least one audio signal.
29. (**Currently Amended**) The non-transitory computer-readable medium of claim 22, wherein the instructions cause the programmable processor to determine a status of the bookmark media object; and present a default bookmark media object when the status indicates the corresponding bookmark media object is not available.

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30. (**Currently Amended**) The non-transitory computer-readable medium of claim 22, wherein each bookmark media object represents a current state of the corresponding network destination.

31. (Previously Presented) A system comprising:

a remote server, the remote server configured to store a bookmark media object, wherein the bookmark media object is associated with a destination located on the server;

a client device communicatively coupled to the server and configured to, in response to a first user input, store a link to the destination and a link to a remote bookmark media object associated with the destination on the client device; and

a web browser executing in an operating environment provided by the client device, wherein the web browser is configured to:

receive a second user input on the client device requesting display of a bookmark window;

in response to the second user input, display a bookmark window, retrieving the remote associated bookmark media object, including in the displayed bookmark window a bookmark for the destination and the retrieved remote associated bookmark media object, the retrieved remote associated bookmark media object providing a representation of the destination;

receive a third user input on the client device selecting the remote associated bookmark media object displayed in the bookmark window; and

in response to the third user input, access the destination.

32. (Previously Presented) The system of claim 31, wherein the bookmark media object comprises a thumbnail.

33. (Previously Presented) The system of claim 31, wherein the bookmark media object comprises an audio stream.
34. (Previously Presented) The system of claim 31, wherein the bookmark media object comprises a video stream.
35. (Previously Presented) The system of claim 31, wherein a client device configured to store references to the bookmark media object on the web server.
36. (Previously Presented) The system of claim 31, wherein the web server is configured to update the bookmark media object as a function of a current state of the corresponding network destination.
37. (Previously Presented) The system of claim 36, wherein the web server is configured to update the bookmark media object as a function of information received from the web browser.
38. (Previously Presented) The system of claim 36, wherein the web server is configured to update the bookmark media object when content of the network destination is changed.
39. (Previously Presented) The method of claim 1, wherein the bookmark media object when presented to a user provides a multimedia preview of the corresponding destination.

40. (**Currently Amended**) A computer program product, tangibly stored on a non-transitory computer readable medium, comprising instructions operable to cause a programmable processor to:

generate a set of bookmark media objects, each bookmark media object corresponding to a network destination within a computing environment, each bookmark media object providing a representation of the corresponding network destination;

store the bookmark media objects on one or more servers within the computing environment;

update each bookmark media object as a function of a state of the corresponding network destination; and

in response to a request received from the client device, provide one or more bookmark media objects to a remote client device, the client device having a location external to the computing environment.

41. (Previously Presented) The product of claim 40, wherein instructions to update each bookmark media object comprise instructions to update each bookmark media object as a function of a current state of the corresponding network destination.

42. (Previously Presented) The product of claim 40, wherein the set of bookmark media objects is generated by a server within the computing environment, and further wherein instructions to update each bookmark media object comprise instructions to update each bookmark media object as a function of host-determined conditions.

43. (Previously Presented) The product of claim 40, wherein instructions to update each bookmark media object comprise instructions to update each bookmark media object when content of the corresponding network destination is changed.
44. (Previously Presented) The product of claim 40, wherein instructions to generate a set of bookmark media objects comprise instructions to generate a thumbnail for a first bookmark media object in the set.
45. (Previously Presented) The product of claim 40, wherein instructions to generate a set of bookmark media objects comprise instructions to generate a video stream for a first bookmark media object in the set.
46. (Previously Presented) The product of claim 40, wherein instructions to generate a set of bookmark media objects comprise instructions to generate an audio stream for a first bookmark media object in the set.

Allowable Subject Matter

Claims 1-46 are allowed [see the BPAI Decision "REVERSED" dated 11/02/2011 pages 5-7 for details].

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to QUOC A. TRAN whose telephone number is (571)272-8664. The examiner can normally be reached on Mon through Fri 8AM - 5PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Cesar Paula can be reached on (571)272-4128. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/QUOC A TRAN/
Examiner, Art Unit 2177

/Amelia Rutledge/

Primary Examiner, Art Unit 2177